

AMENDMENTS TO THE CLAIMS

Claim 1 (Currently Amended) An imaging apparatus for generating still picture data by receiving an optical signal of a subject, the imaging apparatus comprising:

an imaging element that generates a still picture by exposure to the ~~exposing with an~~ optical signal of the subject;

a plurality of imaging lenses that collect the optical signal of the subject and focus an ~~focus on~~ image on the imaging element ~~apparatus~~;

a correction lens that is movable on a plane vertical to an optical axis of the imaging lenses ~~so as to correct image blurring formed on the imaging element~~;

a measuring section that measures shake of the imaging apparatus;

an instruction section that instructs a start of recording a still picture generated by the ~~imaging element~~;

an image processor that processes the image by receiving the still picture transferred from the imaging element; and

a lens controller that selectively performs a center stop control and a lens correction control, the center stop control for controlling a position of the correction lens ~~position so as to stop the correction lens at an optical axis center position which is a position of the correction lens at which an~~ the optical axis of the imaging lenses coincides with an optical axis of the correction lens, and the lens correction control for controlling the position of the correction lens ~~position so as to correct blurring of the image formed on the imaging element based on the basis of the a~~ measuring result of the measuring section,

wherein the lens controller performs the center stop control until receiving an instruction ~~for to start of recording from the instruction section~~, and performs the lens correction control ~~after the a start of exposure in to the imaging element apparatus~~, and

wherein the lens controller returns the correction lens to the optical axis center position before a completion of transfer of a still picture from the imaging element to the image processor ~~receiving an next instruction for start of the next recording from the instruction section after completion of the exposure to the imaging element, and then performs the center stop control on~~

the correction lens.

Claim 2 (Cancelled)

Claim 3 (Currently Amended) The imaging apparatus of claim 1, wherein the lens controller starts the lens correction control earlier than a start time of exposure ~~of to the~~ imaging element by a time necessary for controlling the correction lens in a stable manner ~~stably~~.

Claim 4 (Previously Presented) The imaging apparatus of claim 1, wherein the lens controller includes a reference value updating function for updating a reference value used for judging the measuring result of the measuring section, and keeps the reference value updating function inactivate while controlling the lens correction.

Claim 5 (Currently Amended) The imaging apparatus of claim 1, further comprising:
——an integrating section that integrates the measuring result of the measuring section,
wherein the lens controller calculates a virtual position of the correction lens based ~~on the~~
~~basis of the~~ an output of the integrating section, and performs the lens correction control
according to the virtual position, and
wherein the integrating section adjusts a gain on the integration of the measuring result of
measuring section according to the virtual position of the correction lens calculated by the lens
controller.

Claim 6 (Currently Amended) The imaging apparatus of claim 5, wherein, when a region
of shake frequency of the imaging apparatus is smaller than a predetermined value, the
integrating section adjusts the gain so that (i) the gain is constant when the virtual position of the
correction lens is within a predetermined range from the optical axis center position, ~~and~~ (ii)
~~that~~ the gain decreases along with a distance from the optical axis center position when the
virtual position of the correction lens is outside ~~of~~ the predetermined range.

Claim 7 (Currently Amended) The imaging apparatus of claim 6, wherein the integrating section adjusts the gain so that (i) the gain increases along with an increase of the shake frequency when the shake frequency of the imaging apparatus is smaller than the predetermined value, and (ii) ~~that~~ the gain is constant when the shake frequency of the imaging apparatus is more than the predetermined value.

Claim 8 (Currently Amended) A ~~control~~ method of controlling an imaging apparatus for generating still picture data by receiving an optical signal of a subject, the imaging apparatus comprising an imaging element that generates a still picture by exposure to the ~~exposing with an~~ optical signal of the subject, a plurality of imaging lenses that collect the optical signal of the subject and focus an image on the imaging element, an image processor that processes the image by receiving the still picture transferred from the imaging element, and a correction lens movable on a plane vertical to an optical axis of the imaging lenses to correct image blurring formed on the imaging element, the method comprising:

~~the control method comprising:~~

measuring shake of the imaging apparatus;

receiving an instruction ~~for to~~ start ~~of~~ recording a still picture generated ~~in~~ by the imaging element;

performing a center stop control until ~~receiving~~ an instruction ~~for to~~ start ~~of~~ recording the still picture is received, the center stop control controlling a position of the correction lens-~~position so as~~ to stop the correction lens at an optical axis center position which is a position of the correction lens at which ~~an~~ the optical axis of the imaging lenses coincides with an optical axis of the correction lens;

performing a lens correction control after ~~the a~~ start of exposure ~~in to~~ the imaging element ~~apparatus~~, the lens correction control controlling the position of the correction lens ~~position so as~~ to correct blurring of the image formed on the imaging element based on the basis of the a measuring result of the measuring of the shake of the imaging apparatus; and

returning the correction lens to the optical axis center position before a completion of transfer of a still picture from the imaging element to the image processor ~~receiving a next instruction for start of next recording~~ after completion of the exposure to the imaging element, and then performing the center stop control on the correction lens.

Claim 9 (Cancelled)